



**STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
COOKEVILLE ENVIRONMENTAL FIELD OFFICE
DIVISION OF WATER POLLUTION CONTROL
1221 SOUTH WILLOW AVENUE
COOKEVILLE, TN 38506**

PHONE 931-432-4015

STATEWIDE 1-888-891-8332

FAX 931-432-6952

March 8, 2011

Certified Mail

91 7108 2133 3937 2540 4721

Mr. Jerry T. Garrison
City of Crossville
Catoosa Utility Department
5581 Plateau Road
Crossville, Tennessee 38571

**RE: Compliance Evaluation Inspection: 02-25-11
Catoosa Utility Department – Cumberland County, NPDES # TN0078158**

Dear Mr. Garrison:

On February 25th, 2011, the Division of Water Pollution Control (WPC) conducted a Compliance Evaluation Inspection (CEI) at the Catoosa Utility Department office, located in Cumberland County. The purpose of the CEI was to review the application status for the proposed water treatment plant. This letter serves as a CEI report. The discharge will ultimately be to an unnamed tributary of "Panther Creek".

Proposed Water Treatment Plant

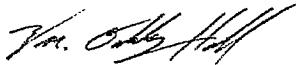
The Catoosa Utility Department, backwash water treatment facility is yet to be constructed. The Division (Water Pollution Control) has received your Notice of Intent regarding the continuation of the General NPDES permit for the release of Water Treatment Plant Backwash Filter Water from this proposed facility.

The Division of Water Pollution Control would like to thank you and Mr. Kerley for your time and courtesy during the water plant permit review meeting.

Mr. Jerry T. Garrison
City of Crossville, Catoosa Utility Department
March 8, 2011
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If you have any questions, you may contact me in Cookeville via telephone at (931) 432-7635 or toll free at 1-(888)-891-8332. You may also use electronic mail at: Oakley.Hall@tn.gov.

Respectfully,



Wm. Oakley Hall
Environmental Specialist
Cookeville Environmental Field Office

Enclosures: Copy of Notice of Intent; EPA Form 3560

cc: Cookeville EFO file, Cumberland County TN0078158
Rob Howard, WPC Manager, Cookeville EFO
Johnny K. Walker, DWS Manager, Cookeville EFO
Patrick Parker, WPC, Central Office - Enforcement & Compliance



DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
NOTICE OF INTENT (NOI)
WATER TREATMENT PLANT DISCHARGE PERMIT

Facility Name: <u>Catoosa Water Treatment Facility</u>		County: <u>Cumberland</u>	
Street Address or Location: <u>963 City Lake Rd, Crossville, TN 38572</u>		Latitude: <u>36.063700</u>	Longitude: <u>-85.133100</u>
<small>* All entries must be in ink. * Attach a copy of U.S.G.S. topographical map, a city map, or a county map, identifying the location of this facility. * This NOI must be signed by a responsible corporate officer for a corporation, a general partner for a partnership, the proprietor for a sole proprietorship, or a principal executive officer or ranking elected official for a public agency. * If this NOI is submitted because of new operator or to update facility information (such as name of facility, new official contact person name, new E-mail address, etc.), provide the existing permit tracking number: _____</small>			
Owner or Operator: (the person or legal entity which controls facility's operation; this may or may not be the same as the site name or the official contact name)			
1	Official Contact Person Name (individual responsible for a facility) <u>Mr. Jerry Kerley</u>	Title or Position: <u>Water Resource Dept. Director</u>	
	Mailing Address: <u>963 City Lake Rd</u>	City: <u>Crossville</u>	State: <u>TN</u>
	Phone: <u>(931) 788-3353</u>	Zip: <u>38572</u>	
	E-mail: <u>jkerley@crossvilletn.gov</u>		
2	Local Contact Person Name: (if appropriate, write "same as #1")	Title or Position:	
	Facility Address: (this may or may not be the same as street address) <u>Same as number 1</u>	Facility City:	State: <u>TN</u>
	Phone: ()	Zip:	
	E-mail:		

Write in the box (to the right) or circle the number (above) to indicate where to send correspondence:

PROCESS DESCRIPTION (Reply on a separate page, if necessary)

Name of surface waters receiving the discharge (and the mileage point, if available): <u>Tributary stream to Panther Creek</u>	
A description of the plant, i.e. iron removal, manganese and/or turbidity removal, and a list of any additives used in the water treatment process, such as coagulant, oxidizing enhancers, etc. The plant is for turbidity removal. Chemicals used in the treatment process will be lime, alum, flouride and chlorine.	
Design capacity of treatment plant in million of gallons per day (MGD): <u>1.5</u> Number and volume of sedimentation basins: <u>2 @ 375,000 each</u>	
Average flow of finished water production in MGD over 12 months prior to submission of the NOI: <u>N/A</u>	
Filter backwashing. Number of filter backwashed: <u>6</u> Frequency for each filter: <u>606</u> times per week. Amount of water used to backwash: <u>422</u> for each filter. Frequency sedimentation basin is washed out: <u>continuous</u> year. Amount of water used to wash out the largest sedimentation basin: <u>38</u> gallons. Type of treatment provided for backwash and sedimentation basin washwaters and the design capacity of the treatment system. <u>These figures represent three (3) Actimen units in operation for nine (9) hrs per day seven (7) days per week.</u>	
Water is released from the backwash settling basin <u>7</u> times per week for <u>3</u> hours per release and a volume of <u>36,500</u> gallons per release. For existing facility, give averages from last 12 months of operation. For new facilities, indicate "not available". Describe more fully, if necessary.	

CERTIFICATION AND SIGNATURE

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Jerry Kerley Director of Water Resources Jerry Kerley 2-25-11
Printed Name Official Title Signature Date

STATE USE ONLY

Received Date	Domestic Water Supply Use	Protective for Lead Conc.	Tracking No.	EAC
Impaired Receiving Stream	High Quality Water	T & E Aquatic Fauna	NOC Date	Reviewer

Submit the original completed and signed form to:

WTP NOI
Division of Water Pollution Control
6th Floor L&C Annex, 401 Church Street
Nashville, TN 37243-1534



United States Environmental Protection Agency
Washington, D. C. 20460

Water Compliance Inspection Report

Section A: National Data Coding (i.e., PCS)

Transaction	Code	NPDES	yr / mo / dy	Inspection Type	Inspector	FacType																					
1	N	2	5	3	T	N	0	0	7	8	1	5	8	1	1	0	2	2	5	17	18	C	19	S	20	1	
Remarks																											
21 C a t o o s a U t i l i t y W a t e r T r e a t m e n t P l a n t 66																											
Inspection Work Days		Facility Self-Monitoring Evaluation		BI		QA		-----Reserved-----																			
67		1		69		70		5		71		72		N		73		74		75		76		77		80	

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number)		Entry Time / Date	Permit Effective Date
Catoosa Utility Department Treatment Plant		≈9:30 2/25/11	July 30, 2010
Plateau Road Office; (Municipal; City of Crossville).		Exit Time / Date	Permit Expiration Date
Crossville Tennessee		≈ 10:30 2/25/11	June 30, 2015
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)		Other Facility Data (e.g., SIC NAICS, and other descriptive information)	
Mr. Jerry T. Garrison, Director (931) 277-5126 Fax: (931) 277-5562		The proposed WTP is yet to be built.	
Name, Address of Responsible Official/Title/Phone and Fax Number		The City wishes to maintain the permit.	
Mr. Jerry T. Garrison (931) 277-5126 City of Crossville, CUD 5581 Plateau Road Crossville, TN 38571 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Fax: (931) 277-5562			

<input checked="" type="checkbox"/> Permit	<input type="checkbox"/> Self-monitoring Program	<input type="checkbox"/> Pretreatment Program	<input type="checkbox"/> MS4
<input checked="" type="checkbox"/> Records / Reports	<input type="checkbox"/> Compliance Schedule	<input type="checkbox"/> Pollution Prevention	
<input checked="" type="checkbox"/> Facility Site Review	<input type="checkbox"/> Laboratory	<input type="checkbox"/> Storm Water	
<input type="checkbox"/> Effluent / Receiving Waters	<input type="checkbox"/> Operation & Maintenance	<input type="checkbox"/> Combined Sewer Overflow	
<input type="checkbox"/> Flow Measurement	<input type="checkbox"/> Sludge Handling / Disposal	<input type="checkbox"/> Sanitary Sewer Overflow	

Section D: Summary of Findings/Comments

(Attach additional sheets of narrative and checklists, including Single Event Violation codes, as necessary)

SEV Codes	SEV Description
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	The facility is yet to be constructed. The City wishes to maintain the NPDES permit.
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

Name (s) and Signature(s) of Inspector(s) Wm. Oakley Hall 	Agency / Office / Phone and Fax Numbers Tennessee Division of Water Pollution Control Cookeville Environmental Field Office 931/432-4015 / 931/432-6952 (FAX)	Date 3-8-2011
Signature of Management Q A Reviewer Robert Howard 	Agency / Office / Phone and Fax Numbers Tennessee Division of Water Pollution Control Cookeville Environmental Field Office 931/432-4015 / 931/432-6952 (FAX)	Date 08 MAR 2011